## A.D. 1852 . . . . . . . . . N° 316.

# SPECIFICATION

OF

## ANTONIE BURQ.

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## APPLYING ELECTRO-GALVANIC AND AGNETIC ACTION TO MEDICAL PURPOSES.

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LONDON:
PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY:
ISHED AT THE QUEEN'S PRINTING OFFICE, EAST HARDING STREET,
NEAR FLEET STREET.

[illegible]

1854.

A.D. 1852 . . . . . . . . N° 316.

# Applying Electro-Galvanic and Magnetic Action to Medical Purposes.

**PROVISIONAL SPECIFICATION** left by Antoine Burq at the Office of the Commissioners of Patents, with his Petition, on the 9th October 1852.

(*Void by reason of notice to proceed not having been given within the time prescribed by the Act.*)

I, Antoine Burq, of Paris, Chemist, do hereby declare the nature of the said Invention for "Certain Instruments, Apparatus, and Articles for the Application of Electro-Galvanic and Magnetic Action for Medical Purposes" to be as follows:—

It has been discovered by medical men that the outward application to the human frame of various metals, either in a pure or allayed form, is more useful and efficacious than the application of galvanic currents for the same purpose. The magnetic, electric, or other like properties possessed by various metals differ much in quality and degree, and the effects resulting from their application also vary with circumstances, such as the state of health of the patient, age, &c., and thus it happens that the application of copper may have no beneficial effect on one patient while it may benefit another, or vice versâ; steel may be injurious to one and useful to another, and the judicious combination of metallic bodies forms the great secret of success in this art. And I find that the application of copper and brass and English and German steel combined form useful combinations for medical applications. And my Invention consists in certain instruments and apparatus made of these four metals, to be applied to the human frame for the purpose of giving to it magnetic, electric, or magneto-electro action. Fig. 1, represents two rings, one (A) half brass, half copper; the other (B) half English, half German steel; and these rings may be worn together or not. Fig. 2, is a medal. Fig. 3, is a series of medals, made of copper and brass, English and German steel. The same medals may be used as shown in Fig. 4, hung together by chains. Figures 5, 6, & 7, show different combinations of the same metallic medals. That shown by Figs. 7, & 8, may be worn as a bracelet. Fig. 9, represents a corset busk, one side being made of copper and brass, and the other of English and German steel, or they may be made with the four metals on one side. Fig. 10, represents whipping rods, made of a bundle of the four metals. Fig. 11, an Indian strygil for causing friction; the small wooden wheels are alternately covered with copper, brass, English and German steel. Fig. 12, represents what I call metallic wadding; it is made of cotton wadding, moistened with some glutinous matter, such as treacle, on which a coating of filings of the four above-named metals is sprinkled, over which a thin layer of cotton is again placed. Figs. 13, & 14, represent armatures or large rings for the thigh, leg, or arm. If the whole of the limb is to have the application, two may be used, and these rings are made of the same metal. Fig. 15, is a peculiar bath, in which filings of the said four metals are to be used in a wet or dry state. For the prevention of oxidation or other ill effects I sometimes coat the outer face or faces of these instruments with tin, silver, or silver gilt. I do not confine myself to the precise forms of the instruments shown.

LONDON:
Printed by George Edward Eyre and William Spottiswoode,
Printers to the Queen's most Excellent Majesty. 1854.

A.D. 1852. Oct 9. No. 316.

BURQ'S PROVISIONAL SPECIFICATION.

(1 SHEET)

FIG. 1.

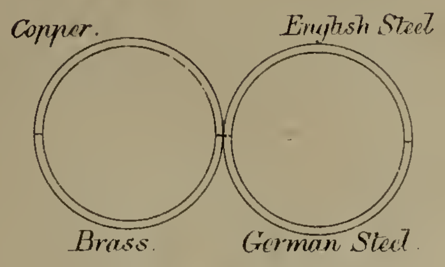


FIG. 2.

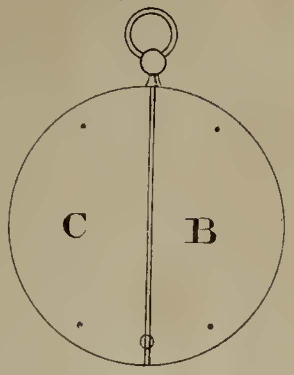
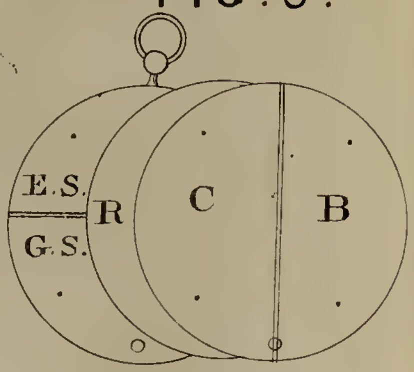


FIG. 3.



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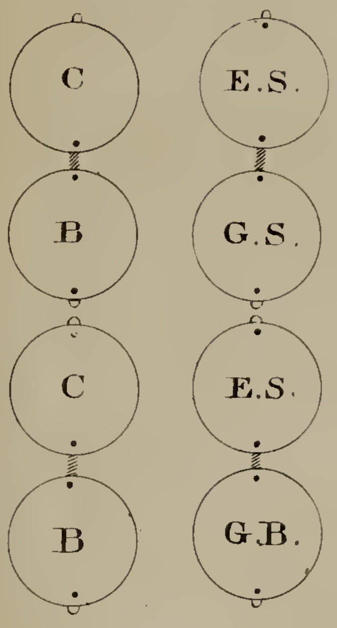


FIG. 5.

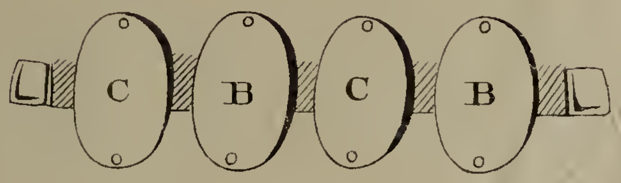


FIG. 6.

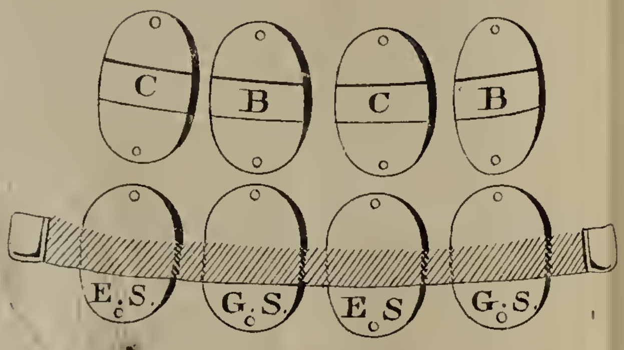
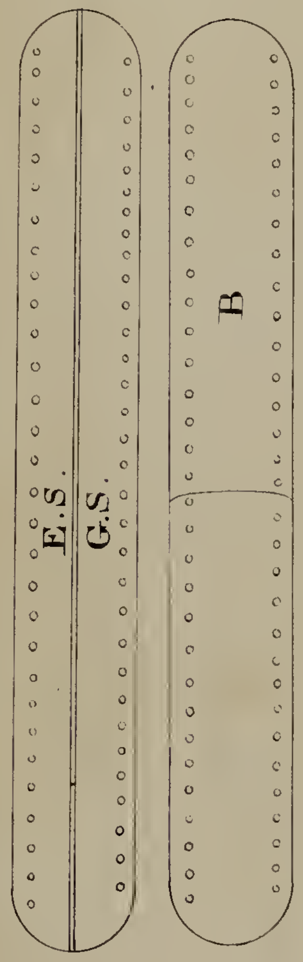


FIG. 9.



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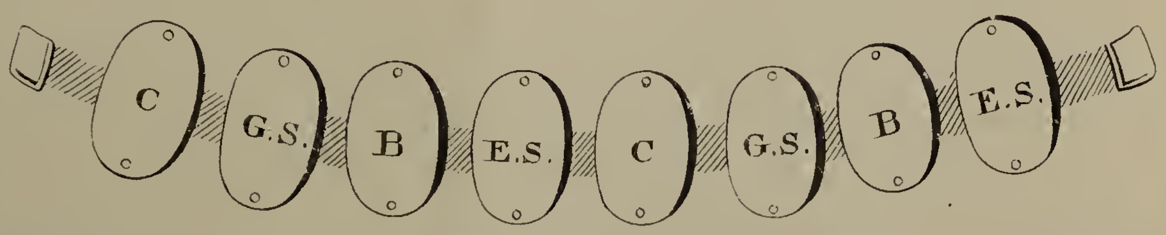


FIG. 8.

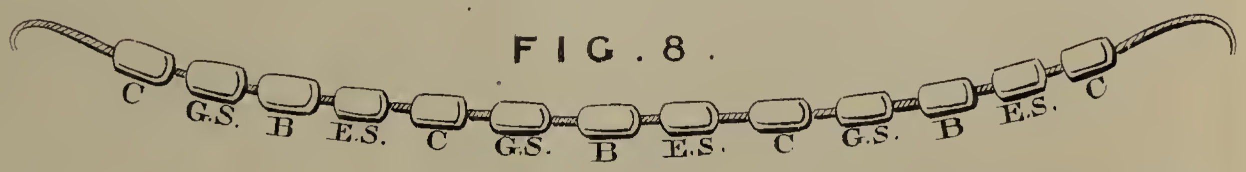


FIG. 10.

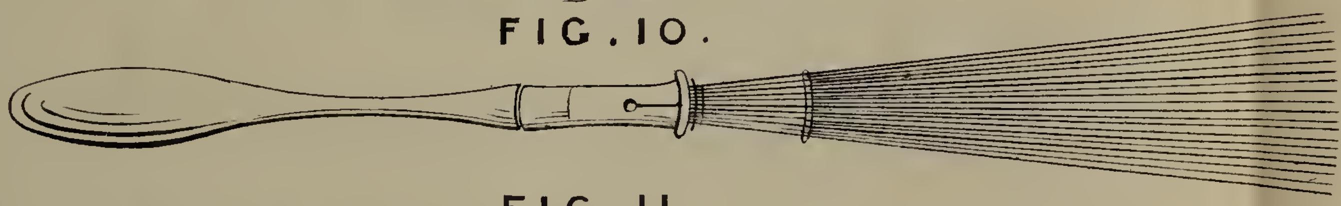


FIG. 11.

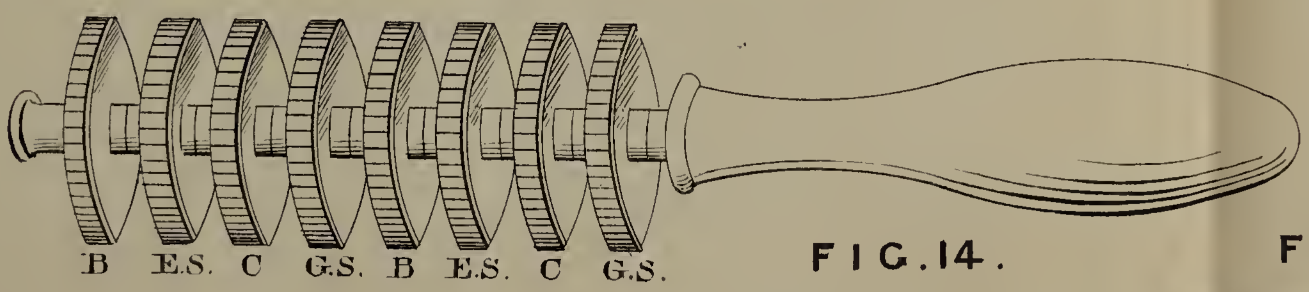


FIG. 14.

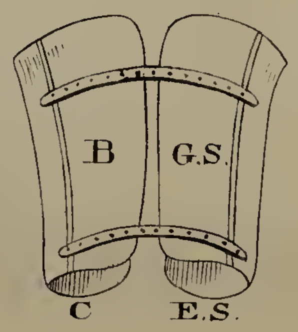


FIG. 12.

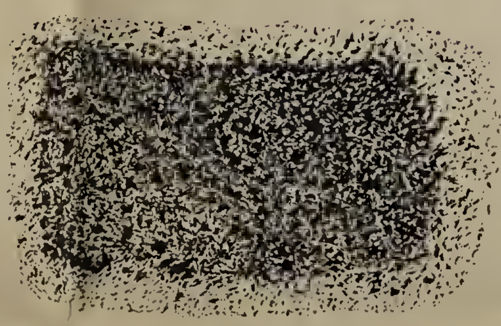


FIG. 13.

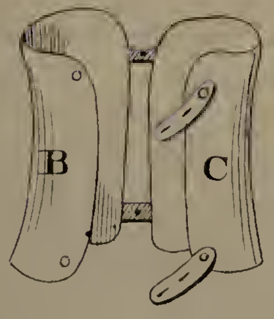


FIG. 13 bis.

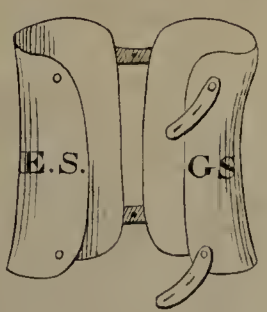
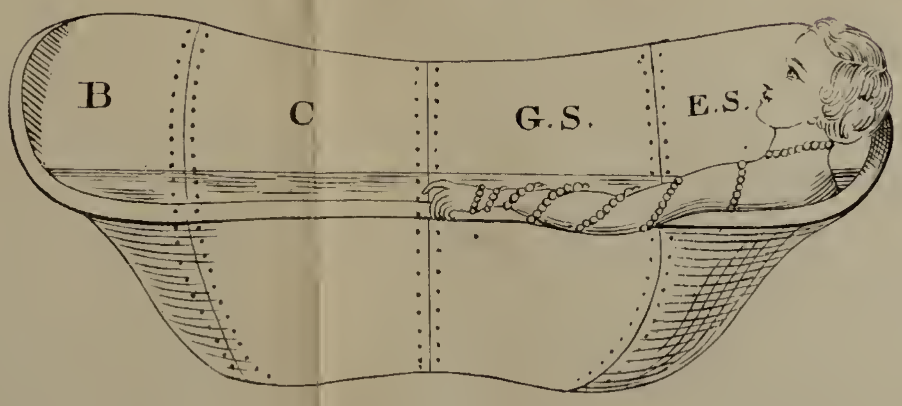


FIG. 15.



*The Drawing left with Provisional Specification is not Colored.*

Malby & Sons, Lith.

London: Printed by George Edward Eyre and William Spottiswoode,
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